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DL Weinreb, SJ Haradhvala - US Patent 7,290,113, 2007 - Google Patents

... in an Object-Oriented Database System," SIGMOD ... 3. Stonebraker, "Virtual Memory Transaction Management," ACM SIGOPS ... 18, Issue 2. Wilson, "Pointer Swizzling at ...

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... that for economic reasons the database is stored ... for mapping the resources of the virtual machine, it ... data hardware structures as a memory map, processors map ...

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... ahead value results in the file pointer pointing to ... contains the address in its virtual memory map) then the ... example could be a very large database which can ...

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 PA Boncz, W Quak, ML Kersten - ... Conference on Extending Database Technology, Avignon, France ..., 1996 - [books.google.com](#)

... to the size of the tables is the virtual address space. ... in a Monet heap, one can decide to memory-map it, or ... it is efficient in loading database tables, since ...

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... 0x00000000 Figure 1.5 Memory map of an IRIX process on the ... The trailing bits of the virtual address are simply the ... as storage for a key-value pointer in an ...

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... secondary storage in traditional file and database systems. ... referent data is copied into the virtual memory indicated ... an attempt is made to memory map the disk ...

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H Sexton, R Lee, P Benson - US Patent 7,249,235, 2007 - Google Patents

... 601 : MEMORY MAP DUMP FILE 205, NOTING BASE ADDRESS ... The database instance ... numeric reference causes the external object to be loaded into virtual memory, if the ...

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 KL Noel, NY Karkhanis - US Patent 7,337,296, 2008 - [freepatentsonline.com](#)

... significantly reduces the overall time database clients wait ... of VLM systems can memory map very large ... programmer's perspective) as other virtual memory objects ...

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